

DT 3630527
MAR 1990

DIEH ★ Q79 90-091980/13 ★DE 3830-527-A
Hollow-charge insert forming winged missile - has narrow zones of
recrystallised material with lower hardness

DIEHL GMBH & CO 08.09.88-DE-830527
(22.03.90) F42b-01/03

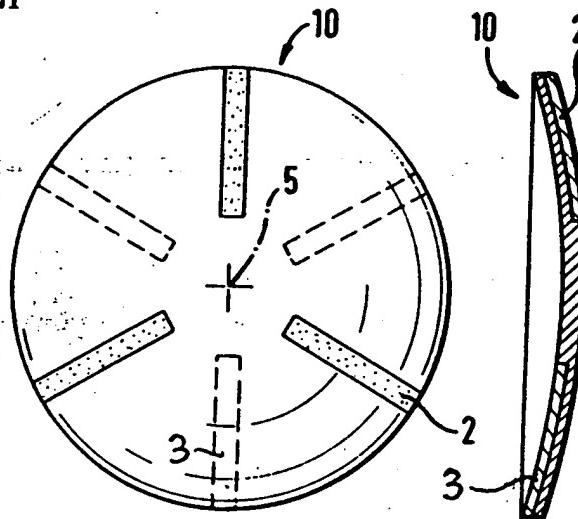
08.09.88 as 830527 (160DB)

The insert forms a missile unit a hollow charge, having portions where material characteristics are altered to form stub wings. The insert (10) has narrow zones (3) of recrystallised material, with a lower hardness and elastic limit than the remainder.

The zones can be oblong, and in the front or rear side when seen in the firing direction. They can be formed alternately in the front convex and rear concave sides of the insert.

USE/ADVANTAGE - Simple mfr. of hollow explosive charge forming missile and provides reproducible wing shape. (3pp Dwg.No.2/4)

N90-070971



© 1990 DERWENT PUBLICATIONS LTD.
128, Theobalds Road, London WC1X 8RP, England
US Office: Derwent Inc., 1313 Dolley Madison Boulevard,
Suite 303, McLean, VA22101, USA
Unauthorised copying of this abstract not permitted.

BEST AVAILABLE COPY

(19) BUNDESREPUBLIK

DEUTSCHLAND



DEUTSCHES

PATENTAMT

(12) Offenlegungsschrift

(11) DE 3830527 A1

(51) Int. Cl. 5:

F42B 1/032

F 42 B 1/028

DE 3830527 A1

(21) Aktenzeichen: P 38 30 527.5

(22) Anmeldetag: 8. 9. 88

(43) Offenlegungstag: 22. 3. 90

(71) Anmelder:

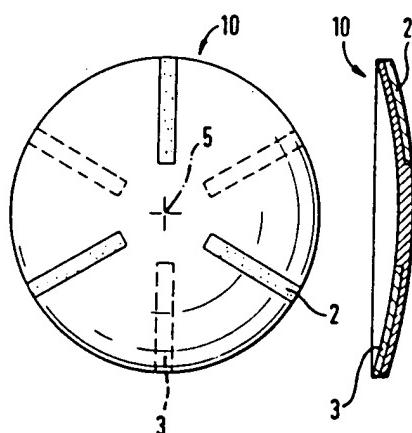
Diehl GmbH & Co, 8500 Nürnberg, DE

(72) Erfinder:

Kaspar, Stefan, Dipl.-Ing., 8566 Leinburg, DE;
Scharf, Peter, Dipl.-Ing., 8500 Nürnberg, DE

(54) Projektibildende Einlage für Hohlladungen und Verfahren zum Herstellen der Einlage

Eine projektilbildende Einlage (1) für Hohlladungen zur Ausbildung eines Projektils mit Stummelflügeln weist schmale Zonen (2) rekristallisierten Werkstoffs auf. Dadurch wird die Massebelegung bei der Werkstoffumsetzung in der Achse eines Projektils konzentriert, was seine Leistung wesentlich erhöht.



DE 3830527 A1

BEST AVAILABLE COPY

Fig. 1

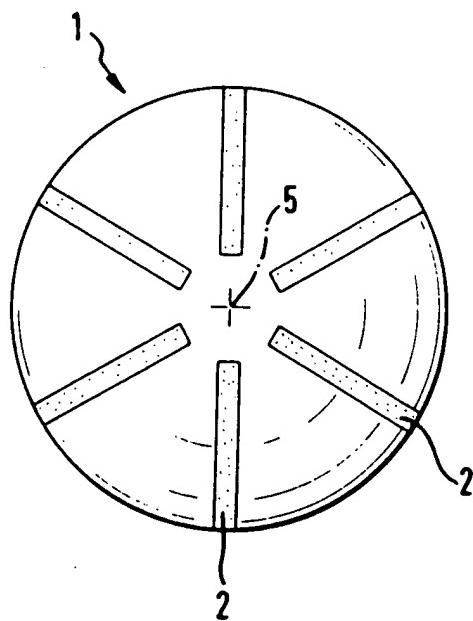


Fig. 2

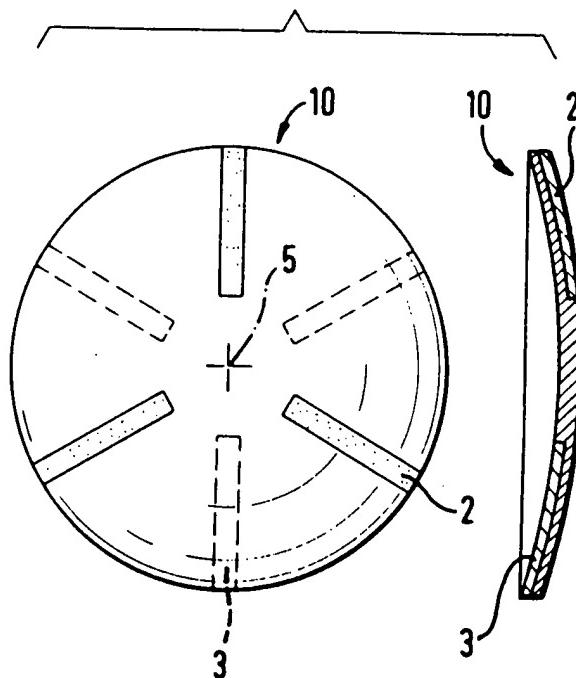


Fig. 4

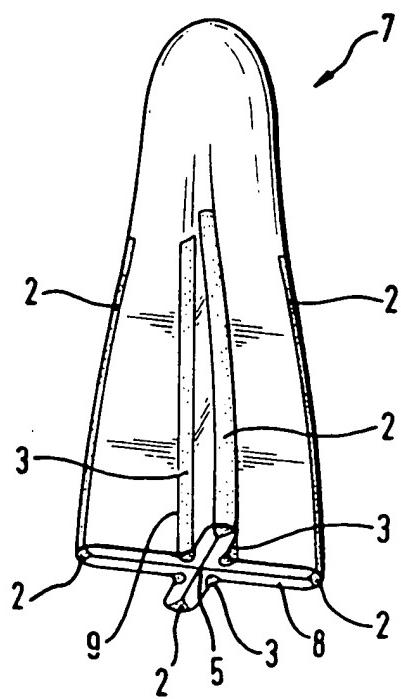


Fig. 3

